

ESA Cosmic Vision Studies

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**Science Programme Directorate (till June 14)
Science and Robotic Exploration Directorate (after June 15)**

**Outer Planet Flagship Mission Instrument Workshop
June 3-5, 2008, Monrovia, CA**



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L-Class Mission selection schedule

- Missions in competition within ESA science programme
 - OPM: EJSM or TSSM
 - XEUS
 - LISA
- EJSM/TSSM down-selection in Oct/Nov' 2008. Process to be jointly defined by NASA & ESA, in collaboration with JAXA
- Down-selection (from 3 to 2) L-Class missions end of '09: OPM/XEUS/ LISA ?
- One (out of 2) L-Class mission selection in 2011
- Implementation would start in 2012

ESA Cosmic Vision web page

- <http://sci.esa.int/science-e/www/area/index.cfm?fareaid=100> (2 screen shots)



SCIENCE PORTAL **SCIENCE & TECHNOLOGY** **RESEARCH**

esa **Cosmic Vision 2015-2025** Science Programme European Space Agency

Cosmic Vision 2015-2025

- Cosmic Vision Proposals
- Study Missions
- M-class Timeline
- L-class Timeline

The Four Themes

- Planets and Life
- The Solar System
- Fundamental Laws
- The Universe

Cosmic Vision Brochure

Euclid

XEUS

PLATO

SPICA

TandEM/TSSM

LAPLACE/EJSM

Marco Polo

Cross-Scale

LISA

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NEWS AND ANNOUNCEMENTS

Call for Payload Study Consortia

Marco Polo Workshop 5 - 6 June 2008

XEUS Workshop Meeting 5-6 March 2008

MISSION SUMMARY 6 of 9

LAPLACE
Mission to Europa and the Jupiter System

LAPLACE/EJSM is to carry out an in-depth study of Europa and the Jupiter system, with special emphasis on studying Europa's habitability in the global context of the Jupiter system.

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TANDEM
Mission to Titan and Enceladus

TandEM/TSSM is to carry out an in-depth investigation of Titan, to investigate Titan, an Earth-like organic-rich world, and the Saturn System, with special emphasis on Enceladus.

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